Claims

Cancel claims 1-17

Claim 18 (New) A method for correcting and validating the translation between a first part number and a second part number for an item comprising:
    assigning a third part number to the item
    receiving a translation
    using the first part number as the index, comparing the translation with a
        stored previous received translation
    when the stored second part number and received second part number are different,
        correct and validate the second part number to identify the item
        store the received translation as the previous received translation
    use the corrected translation for translating the first part number to the second part number

Claim 19 (New) The method of claim 18, wherein the second part number includes a vendor name and the method further includes:
    a translation of received vendor names to an internal vendor name;
    translating the received vendor name in the second part number to the internal vendor name.

Claim 20 (New) The method of claim 18, wherein the item identified by the second part number in the received translation is compared with the item;
    when the item identified by the second part number is determined to be valid,
        assign a fourth part number to the item identified by the second part number;
        store the translation as a received translation; and
        use the translation to translate between the first part number and the second part number.

Claim 21 (New) The method of claim 18, wherein the third part number is assigned a fifth part number;
the item provides a carrier and the carrier for the item is determined;
the part number for the item with the carrier is assigned to the fifth part number;
a bill of material line using the first part number is translated to a bill of material line using the third part number;
the bill of material line using the third part number is translated to a bill of material line using the fifth part number; and
the bill of material line using the fifth part number is used to determine the quantity requirement for the part number of the item with the carrier.

Claim 22 (New) The method of claim 18, wherein the item has a description;
a vendor provides an update for the item description using the second part
number;
using the second part number, the item description is updated;
such that the item description can be accessed using the either the second part
number or the first part number or the third part number or the fifth part number.

Claim 23 (New) The method of claim 18, wherein a commodity item matching the
description of the item has a commodity part number and the second part
number in the translation is replaced by the commodity part number.

Claim 24 (New) A system for correcting and validating a translation between a
first part number for an item and a second part number also used to identify the
item comprising
means for storing a pervious translation between the second part number and
the first part number;
means to receive a translation;
means to compare a received translation with the previous translation;
means to correct and validate the second part number;
means to assign a third part number to the item;
wherein the system provides
assigning a third part number to the item;
receiving a translation;
comparing the received translation with the stored previous translation;
when the second part number of the received translation is different from the
stored translation:
      correct and validate the second part number
      store the received translation as the previous translation
use the corrected translation when translating between the first part number and
the second part number.

Claim 25 (New) The system of claim 24 where the second part number includes
a vendor name and the system further provides means to translate a received
vendor name to an internal vendor name such that when a translation is
received, the received vendor name is translated to the internal vendor name.

Claim 26 (New) The system of claim 24, wherein the item identified by the
second part number in the received translation is compared with the item;
      when the item identified by the second part number is determined to be
      valid the system further provides
      means to assign a fourth part number to the item such that,
            a fourth part number is assigned to the item identified by the
            second part number;
            the translation is stored as a received translation; and
            the translation is used to translate the first part number to the
            second part number.

Claim 27 (New) The system of claim 24, wherein the system provides
means to assign a fifth part number to the third part number;
means to determine the carrier for the item based on the assembly equipment;
means to determine the part number for the item with the carrier;
means to translate a bill of material line using a first part number to a bill of material line using a third part number;
means to translate a bill of material line using the third part number to a bill of material line using a fifth part number;
means to determine from the bill of material line the quantity required for the item such that a fifth part number is assigned the third part number;
the carrier and part number of the item with the carrier are determined;
the bill of material line using the first part number is translated to a bill of material line using the third part number;
the bill of material line using the third part number is translated to a bill of material line using the fifth part number; and
the quantity of the item with the carrier is determined from the bill of material line using the fifth part number

Claim 28 (New) The system of claim 24 wherein the system further provides
means to store an item description;
means to update the description based on the second part number;
means to receive a description update such that the system receives an update for the item based on the second part number; the system updates the item description;
and the item description can be accessed either by the second part number or first part number or the third part number.

Claim 29 (New) The system of claim 24, wherein the system further provides a commodity catalog containing item descriptions and corresponding commodity item part numbers;
the description of a commodity item with a commodity part number in the commodity catalog matches the description of the item;
the second part number in the translation is replaced by the commodity part number.

Claim 30 (New) A process for correcting and validating a translation between a first part number and a second part number for an item with a stored previous translation comprising the steps:
assigning a third part number to the item;
receiving a translation,
comparing the received translation with the stored previous translation using the first part number as the index;
when different
    correcting and validating the second part number and
    storing the received translation as the stored previous translation;

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using the corrected translation to translate between the first part number and the second part number.

Claim 31(New) The process of claim 30, wherein the second part number includes a vendor name and the process further includes a translation of received vendor names to an internal vendor name and the step:
translating the received vendor name in the second part number to the internal vendor name.

Claim 32(New) The process of claim 30 wherein the item identified by the second part number in the received translation is compared with the item;
when the item identified by the second part number is determined to be valid the process further provides the steps
assigning a fourth part number to the item identified by the second part number;
storing the translation as a received translation; and
using the translation to translate between the first part number and the second part number.

Claim 33 (New) The process of claim 30, wherein the process further includes the steps:
the third part number is assigned a fifth part number;
the item provides a carrier and the carrier for the item is determined;
the part number for the item with the carrier is assigned to the fifth part number;
a bill of material line using the first part number is translated to a bill of material line using the third part number;
the bill of material line using the third part number is translated to a bill of material line using the fifth part number; and
the bill of material line using the fifth part number is used to determine the quantity requirement for the part number of the item with the carrier.

Claim 34 (New) The process of claim 30, wherein the item has a description and the process further includes the steps:
a vendor provides an update for the item description using the second part number;
using the second part number, the item description is updated;
such that the item description can be accessed using the either the second part number or the first part number or the third part number.

Claim 35 (New) The process of claim 30, wherein a commodity item matching the description of the item has a commodity part number and process further provides the step:
the second part number in the translation is replaced by the commodity part number.